45

#### RAW SEQUENCE LISTING PATENT APPLICATION : US/08/849,404

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DATE: 09/09/97 TIME: 12:33:19

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This Raw Listing contains the General Information Section and up to the first \$ p

TEKT

SEQUENCE LISTING General Information: 3 (1) (i)APPLICANT:LISA ANNE LAFFEND 5 VASANTHA NAGARAJAN CHARLES EDWIN NAKAMURA 9 (ii) TITLE OF INVENTION: BIOCONVERSION OF A FERMENTABLE CARBON SOURCE TO 1,3-PROPANE-10 11 DIOL BY A SINGLE MICROORGANISM 12 13 (iii) NUMBER OF SEQUENCES: 46 14 15 (iv) CORRESPONDENCE ADDRESS: 16 (A) ADDRESSEE: E. I. DUPONT DE NEMOURS AND COMPANY 17 (B) STREET: 1007 MARKET STREET 18 (C)CITY: WILMINGTON 19 (D)STATE: DELAWARE 20 (E) COUNTRY: UNITED STATES OF AMERICA 21 (F)ZIP: 19898 22 23 (iv) CORRESPONDENCE ADDRESS: 24 (A) ADDRESSEE: GENENCOR INTERNATIONAL, INC. (B) STREET: 4 CAMBRIDGE PLACE 25 1870 SOUTH WINTON ROAD 26 (C)CITY: ROCHESTER 27 (D)STATE: NEW YORK 28 (E) COUNTRY: UNITED STATES OF AMERICA 29 (F)ZIP: 14618 30 31 32 (v) COMPUTER READABLE FORM: (A) MEDIUM TYPE: 3.50 INCH DISKETTE 33 (B) COMPUTER: IBM PC COMPATIBLE 34 35 (C)OPERATING SYSTEM: MICROSOFT WORD FOR WINDOWS 95 36 (D) SOFTWARE: MICROSOFT WORD VERSION 7.0a 37 (vi)CURRENT APPLICATION DATA: 38 39 (A)APPLICATION NUMBER: 40 (B) FILING DATE: 41 (C)CLASSIFICATION: 42 43 (vii)PRIOR APPLICATION DATA: (A)APPLICATION NUMBER: 08/440,293 44

(B) FILING DATE: MAY 12, 1995

## RAW SEQUENCE LISTING PATENT: APPLICATION US/08/849,404

DATE: 09/09/97 TIME: 12:33:24

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47	(viii)ATTO	RNEY/AGENT	ENFORMATION	•			•
48		LINDA AXAME		. * *			
49		ATION NUMBER		(A)			
50		CE/DOCKET N		9715-C			
	(C) KEPEKEN	Pri pocket . W	MDER. CK-	7713-C			
51			*********	<b>√</b> .			
52	• •	MUNICATION :		N :			
53		NE: 302-892					
54	(B)TELEFAX	302-773-0	164				
55							
56							
57	(2) INFORMA	ATION FOR SE	EQ ID NO:1:				
58	, ,			•			
59	(i) SEQUENC	CE CHARACTE	RISTICS:				
60	–	12145 bas					
61		nucleic act					
	•						
62	(C) STRANDE		ngle				
63	(D) TOPOLOG	GY: linear					
64							
65	(ii) MOLECU	JLE TYPE: I	ONA (genomio	<b>c)</b>			
66							
67	(xi) SEQUE	NCE DESCRIPT	TION: SEQ	ID NO:1:			
68			•				
69	GTCGACCACC	ACGGTGGTGA	CTTTAATGCC	GCTCTCATGC	AGCAGCTCGG	TGGCGGTCTC	60
70							
71	A A A A TTC A CC	ATGTCGCCGG	<b>ጥ</b> ልጥልሮጥጥጥጥ	СУДУУТСУСС	<b>እ</b> ልርልሮርሮሞሞ	CGCCGCCGTC	120
72	AAAAI ICAGG	AIGICGCCGG	ININGITITI	GRIARICAGE	ARCHOCCETT	000000000	120
	3 3 MMM C C 3 MC		» d » mmmmama	ааааатаааа	CACCIOCA AMA	mmmaaaaaaa	180
73	AATTTGCATC	GCGCATTCAA	ACATTTTGTC	CGGCGTCGGC	GAGGTGAATA	TTTCCCCCGG	180
74							2.4.0
75	ACAGGCGCCG	GAGAGCATGC	CCTGGCCGAT	ATAGCCGCAG	TGCATCGGTT	CATGTCCGCT	240
76							
77	GCCGCCGCCG	GAGAGCAGGG	CCACCTTGCC	AGCCACCGGC	GCGTCGGTGC	GGGTCACATA	300
78					•		
79	CAGCGGGTCC	TGATGCAGGG	TCAGCTGCGG	ATGGGCTTTA	GCCAGCCCCT	GTAATTGTTC	360
80							
81	ATTCAGTACA	TCTTCAACAC	GGTTAATCAG	CTTTTTCATT	ATTCAGTGCT	CCGTTGGAGA	420
82							
83	<b>Δ</b> GGTTCGΔTG	CCGCCTCTCT	GCTGGCGGAG	GCGGTCATCG	ССТАССССТА	TCGTCTGACG	480
84	ACCITCOATO	0000010101	0010000000	00001011100		100101000	
85	amaa x aaama	CCTGGCGATA	ma a ma a mmam	CCCTC A CCCC	********	CA ATTCCCCCC	540
	GIGGAGCGIG	CCIGGCGAIA	IGAIGALICI	GGCTGAGCGG	ACGAAAAAA	GAATGCCCCG	340
86						a	
87	ACGATCGGGT	TTCATTACGA	AACATTGCTT	CCTGATTTTG	TTTCTTTATG	GAACGTTTTT	600
88							
89	GCTGAGGATA	TGGTGAAAAT	GCGAGCTGGC	GCGCTTTTTT	TCTTCTGCCA	TAAGCGGCGG	660
90							
91	TCAGGATAGC	CGGCGAAGCG	GGTGGGAAAA	<b>AATTTTTTGC</b>	TGATTTTCTG	CCGACTGCGG	720
92							
93	GAGAAAAGGC	GGTCAAACAC	GGAGGATTGT	AAGGGCATTA	TGCGGCAAAG	GAGCGGATCG	<b>⊳</b> 780
94							•
95	СС Д Т СС С Д Д Т	ССДСУСУСУС	<b>Δ</b> .C.T. Δ.C.C.C.T.T.T.T.	ጥጥጥርጥጥ <b>ር</b> ለ አ	<b>ТАТССААССТ</b>	AAAAAATT <b>A</b>	840
96	COALCOCAAI	CCIGACAGAG	AUTAGGGTTT	IIIOIICCAA	INICORNOGI	- MINISTER LAW	0.40
	O C T C T C T C T C T C T C T C T C T C	3 M 3 M C 3 C 3 2 C	*****	3 3 C 3 MMMMMM	mammaaamaa	CGGCCCTAGA	900
97	CCTGTGTTTC	ATATCAGAAC	AAAAAGGCGA	AAGATTTTT	IGITCCCTGC	CGGCCCTAGA	. 900
98							
99	GTGATCGCAC	TGCTCCGGTA	CGCTCCGTTC	AGGCCGCGCT	TCACTGGCCG	GCGCGGATAA	960

#### RAW SEQUENCE LISTING PATENT APPLICATION US/08/849, 404

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100				A STATE OF THE STA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
101	CGCCAGGGCT	CATCATGTCT	ACATGCGCAC	TTATTTGAGG	GTGAAAGGAA	TGCTAAAAGT	1020
102			• • • • • • • • • • • • • • • • • • • •			**	
103	TATTCAATCT	CCAGCCAAAT	ATCTTCAGGG	TCCTGATGCT	GCTGTTCTGT	TCGGTCAATA	1080
104							
105	TGCCAAAAAC	CTGGCGGAGA	GCTTCTTCGT	CATCGCTGAC	GATTTCGTAA	TGAAGCTGGC	1140
106					·		
107	GGGAGAAA	GTGGTGAATG	GCCTGCAGAG	CCACGATATT	CGCTGCCATG	CGGAACGGTT	1200
108			aaama	aaamama . ma			1060
109	TAACGGCGAA	TGCAGCCATG	CGGAAATCAA	CCGTCTGATG	GCGATTTTGC	AAAAACAGGG	1260
110 111	CECCCCCCCCC	GTGGTCGGGA	TO COCO COTO CO	TA A A A CCCTC	СУШУСССССУ	A CCCC A TTCCC	1320
112	CIGCCGCGGC	GIGGICGGGA	100000100	TAAAACCCTC	GATACCGCGA	AGGCGATCGG	1320
113	ттастассас	AAGCTGCCGG	тсстсстсат	CCCGACCATC	GCCTCGACCG	ATGCGCCAAC	1380
114							
115	CAGCGCGCTG	TCGGTGATCT	ACACCGAAGC	GGGCGAGTTT	GAAGAGTATC	TGATCTATCC	1440
116							•
117	GAAAAACCCG	GATATGGTGG	TGATGGACAC	GGCGATTATC	GCCAAAGCGC	CGGTACGCCT	1500
118							
119	GCTGGTCTCC	GGCATGGGCG	ATGCGCTCTC	CACCTGGTTC	GAGGCCAAAG	CTTGCTACGA	1560
120							
121	TGCGCGCGCC	ACCAGCATGG	CCGGAGGACA	GTCCACCGAG	GCGGCGCTGA	GCCTCGCCCG	1620
122							
123	CCTGTGCTAT	GATACGCTGC	TGGCGGAGGG	CGAAAAGGCC	CGTCTGGCGG	CGCAGGCCGG	1680
124	aama amaa aa	а в в ааааатаа	)	0010000110	A COURT A COURT A	ааааа х ттаа	1740
125 126	GGTAGTGACC	GAAGCGCTGG	AGCGCATCAT	CGAGGCGAAC	ACTTACCTCA	GCGGCATTGG	1740
127	СТТТСАВВСС	AGTGGCCTGG	ССССТССССА	<b>ТССА АТССАС</b>	ልልሮርርጥጥጥሮል	ССУДПСТТСЯ	1800
128	CITIOAAACC	A010000100	CCCCTCCCA	100mm100mc	AACCCITION		1000
129	AGAGTGCCAT	CACCTGTATC	ACGGTGAGAA	AGTGGCCTTC	GGTACCCTGG	CGCAGCTGGT	1860
130							
131	GCTGCAGAAC	AGCCCGATGG	ACGAGATTGA	AACGGTGCAG	GGCTTCTGCC	AGCGCGTCGG	1920
132							
133	CCTGCCGGTG	ACGCTCGCGC	AGATGGGCGT	CAAAGAGGGG	ATCGACGAGA	AAATCGCCGC	1980
134							
135	GGTGGCGAAA	GCTACCTGCG	CGGAAGGGGA	AACCATCCAT	AATATGCCGT	TTGCGGTGAC	2040
136		amaa) maaaa	GT1 TGGTG1 G		mm> aaaaa	<b>х</b> атааатааа	2100
137	CCCGGAGAGC	GTCCATGCCG	CTATCCTCAC	CGCCGATCTG	TTAGGCCAGC	AGTGGCTGGC	2100
138 139		GCGGTGGCTA	A A CCCCCTCCCC	ССУССТСУСС	ССФФФФФФФ	татасастас	2160
140	GCGITAATTC	GCGGTGGCTA	AACCGCIGGC	CCAGGICAGC	GGIIIIICII	1010000100	2100
141	GGCAGTCGCT	GCCGGAGGG	TTCTCTATGG	TACAACGCGG	AAAAGGATAT	GACTGTTCAG	2220
142				,			
143	ACTCAGGATA	CCGGGAAGGC	GGTCTCTTCC	GTCATTGCCC	AGTCATGGCA	CCGCTGCAGC	2280
144						•	
145	AAGTTTATGC	AGCGCGAAAC	CTGGCAAACG	CCGCACCAGG	CCCAGGGCCT	GACCTTCGAC	2340
146	•						
147	TCCATCTGTC	GGCGTAAAAC	CGCGCTGCTC	ACCATCGGCC	AGGCGGCGCT	GGAAGACGCC	2400
1448							<b>.</b>
149	TGGGAGTTTA	TGGACGGCCG	CCCCTGCGCG	CTGTTTATTC	TTGATGAGTC	CGCCTGCATC	2460
150	:	aaaaaaaaaa	CON NACCOMO	adad y damaa	amaaaamaaa	ATTTCGCGAC	2520
151 152	CIGAGCCGTT	GCGGCGAGCC	GCAAACCCTG	GCCCAGCTGG	CIGCCCTGGG	ATTICGCGAC	2520
1 - J - L							

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/849,404

DATE: 09/09/97 404 TIME: 12:33:35 INPUT SET: \$20138.raw

153	GGCAGCTATT	GTGCGGAGAG	CATTATCGGC	ACCTGCGCGC		CGCGATGCAG	2580
154 155						GCCATGGAGT	2640
156	GGCCAGCCGA	TCARCACCGC	CGGCGATCGG	CATTITAGE	AGGCGCTACA	GCCATGGAGT	2040
157 158	TTTTGCTCGA	CGCCGGTGTT	TGATAACCAC	GGGCGGCTGT	TCGGCTCTAT	CTCGCTTTGC	2700
159 160	TGTCTGGTCG	AGCACCAGTC	CAGCGCCGAC	CTCTCCCTGA	CGCTGGCCAT	CGCCGCGAG	2760
161 162	GTGGGTAACT	CCCTGCTTAC	CGACAGCCTG	CTGGCGGAAT	CCAACCGTCA	CCTCAATCAG	2820
163	ATGTACGGCC	TGCTGGAGAG	CATGGACGAT	GGGGTGATGG	CGTGGAACGA	ACAGGGCGTG	2880
164 165	CTGCAGTTTC	TCAATGTTCA	GGCGGCGAGA	CTGCTGCATC	TTGATGCTCA	GGCCAGCCAG	2940
166 167	GGGAAAAATA	TCGCCGATCT	GGTGACCCTC	CCGGCGCTGC	TGCGCCGCGC	CATCAAACAC	3000
168 169	GCCCGCGGCC	TGAATCACGT	CGAAGTCACC	TTTGAAAGTC	AGCATCAGTT	TGTCGATGCG	3060
170 171	GTGATCACCT	TAAAACCGAT	TGTCGAGGCG	CAAGGCAACA	GTTTTATTCT	GCTGCTGCAT	3120
172 173	CCGGTGGAGC	AGATGCGGCA	GCTGATGACC	AGCCAGCTCG	GTAAAGTCAG	CCACACCTTT	3180
174 175	GAGCAGATGT	CTGCCGACGA	TCCGGAAACC	CGACGCCTGA	TCCACTTTGG	CCGCCAGGCG	3240
176 177	GCGCGCGGCG	GCTTCCCGGT	GCTACTGTGC	GGCGAAGAGG	GGGTCGGGAA	AGAGCTGCTG	3300
178 179	AGCCAGGCTA	TTCACAATGA	AAGCGAACGG	GCGGGCGGCC	CCTACATCTC	CGTCAACTGC	3360
180 181	CAGCTATATG	CCGACAGCGT	GCTGGGCCAG	GACTTTATGG	GCAGCGCCCC	TACCGACGAT	3420
182 183	GAAAATGGTC	GCCTGAGCCG	CCTTGAGCTG	GCCAACGGCG	GCACCCTGTT	TCTGGAAAAG	3480
184 185	ATCGAGTATC	TGGCGCCGGA	GCTGCAGTCG	GCTCTGCTGC	AGGTGATTAA	GCAGGGCGTG	3540
186 187	CTCACCCGCC	TCGACGCCCG	GCGCCTGATC	CCGGTGGATG	TGAAGGTGAT	TGCCACCACC	3600
188 189	ACCGTCGATC	TGGCCAATCT	GGTGGAACAG	AACCGCTTTA	GCCGCCAGCT	GTACTATGCG	3660
190 191	CTGCACTCCT	TTGAGATCGT	CATCCCGCCG	CTGCGCGCCC	GACGCAACAG	TATTCCGTCG	3720
192 193	СТССТССАТА	ACCGGTTGAA	GAGCCTGGAG	AAGCGTTTCT	CTTCGCGACT	GAAAGTGGAC	3780
194 195						TGAGCTCAAC	3840
196 197						GAGTAATCTG	3900
198							
199 200			GCGGCGGGGC				3960
201 202						GGTGACCAGC	4020
203 204	GGGCGGGTGC	AGGAGATGTC	GCAGCTGCTC	AATATCGGCC	GCACCACCCT	GTGGCGCAAA	4080
205	ATGAAGCAGT	ACGATATTGA	CGCCAGCCAG	TTCAAGCGCA	AGCATCAGGC	CTAGTCTCTT	4140

#### RAW SEQUENCE LISTING PATENT APPLICATION US/08/849,404

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006							20011411
206 207	CGATTCGCGC	CATGGAGAAC	AGGGCATCCG	ACAGGCGATT	GCTGTAGCGT	TTGAGCGCGT	4200
208	aaaaaaaaaa	ATGCGCGCGG		MCACCACCC	TTTGG A GGGG A	CCCCACTCCC	4260
209 210	CGCGCAGCGG	ATGCGCGCGG	TCCATGGCCG	TCAGCAGGCG	TICGAGCCGA	CGGGACIGGG	4200
211 212	TGCGCGCCAC	GTGCAGCTGG	GCAGAGGCGA	GATTCCTCCC	CGGGATCACG	AACTGTTTTA	4320
213 214	ACGGGCCGCT	CTCGGCCATA	TTGCGGTCGA	TAAGCCGCTC	CAGGGCGGTG	ATCTCCTCTT	4380
215	CGCCGATCGT	CTGGCTCAGG	CGGGTCAGGC	CCCGCGCATC	GCTGGCCAGT	TCAGCCCCCA	4440
216 217	GCACGAACAG	CGTCTGCTGA	ATATGGTGCA	GGCTTTCCCG	CAGCCCGGCG	TCGCGGGTCG	4500
218 219	TGGCGTAGCA	GACGCCCAGC	TGGGATATCA	GTTCATCGAC	GGTGCCGTAG	GCCTCGACGC	4560
220 221	GAATATGGTC	TTTCTCGATG	CGGCTGCCGC	CGTACAGGGC	GGTGGTGCCT	TTATCCCCGG	4620
222 223	TGCGGGTATA	GATACGATAC	ATTCAGTTTC	TCTCACTTAA	CGGCAGGACT	TTAACCAGCT	4680
224 225	GCCCGGCGTT	GGCGCCGAGC	GTACGCAGTT	GATCGTCGCT	ATCGGTGACG	TGTCCGGTAG	4740
226 227	CCAGCGGCGC	GTCCGCCGGC	AGCTGGGCAT	GAGTGAGGGC	TATCTCGCCG	GACGCGCTGA	4800
228 229	GCCCGATACC	CACCCGCAGG	GGCGAGCTTC	TGGCCGCCAG	GGCGCCCAGC	GCAGCGGCGT	4860
230 231	CACCGCCTCC	GTCATAGGTT	ATGGTCTGGC	AGGGGACCCC	CTGCTCCTCC	AGCCCCCAGC	4920
232 233	ACAGCTCATT	GATGGCGCCG	GCATGGTGCC	CGCGCGGATC	GTAAAACAGG	CGTACGCCTG	4980
234 235	GCGGTGAAAG	CGACATGACG	GTCCCCTCGT	TAACACTCAG	AATGCCTGGC	GGAAAATCGC	5040
236 237	GGCAATCTCC	TGCTCGTTGC	CTTTACGCGG	GTTCGAGAAC	GCATTGCCGT	CTTTTAGAGC	5100
238 239	CATCTCCGCC	ATGTAGGGGA	AGTCGGCCTC	TTTTACCCCC	AGATCGCGCA	GATGCTGCGG	5160
240 241	AATACCGATA	TCCATCGACA	GACGCGTGAT	AGCGGCGATG	GCTTTTTCCG	CCGCGTCGAG	5220
242 243	AGTGGACAGT	CCGGTGATAT	TTTCGCCCAT	CAGTTCAGCG	ATATCGGCGA	ATTTCTCCGG	5280
244	GTTGGCGATC	AGGTTGTAGC	GCGCCACATG	CGGCAGCAGG	ACAGCGTTGG	CCACGCCGTG	5340
246 247	CGGCATGTCG	TACAGGCCGC	CCAGCTGGTG	CGCCATGGCG	TGCACGTAGC	CGAGGTTGGC	5400
248 249	GTTATTGAAA	GCCATCCCGG	CCAGCAGAGA	AGCATAGGCC	ATGTTTTCCC	GCGCCTGCAG	5460
250 251	ATTGCTGCCG	AGGGCCACGG	CCTGGCGCAG	GTTGCGGGCG	ATGAGGCGGA	TCGCCTGCAT	5520
252 253	GGCGGCGGCG	TCCGTCACCG	GGTTAGCGTC	TTTGGAGATA	TAGGCCTCTA	CGGCGTGGGT	5580
254 255	CAGGGCATCC	ATCCCGGTCG	CCGCGGTCAG	GGCGGCCGGT	TTACCGATCA	TCAGCAGTGG	5640
256 257	ATCGTTGATA	GAGACCGACG	GCAGTTTGCG	CCAGCTGACG	ATCACAAACT	TCACTTTGGT	5700
258							

#### RAW SEQUENCE LISTING PATENT APPLICATION US/08/849,404

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DATE: 09/09/97 TIME: 12:33:46

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#### \*\*\*\*\* PREVIOUSLY ERRORED SEQUENCES - EDITED \*\*\*\*\*

1005	(2) INFORMATION FOR SEQ ID NO:39:
1006	
1007	(i) SEQUENCE CHARACTERISTICS:
1008	(A) LENGTH: 34 base pairs
1009	(B) TYPE: nucleic acid
1010	(C) STRANDEDNESS: single
1011	(D) TOPOLOGY: linear
1012	
1013	(ii) MOLECULE TYPE: DNA (genomic)
1014	
1015	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:
1016	
1017	GGAATTCAGA TCTCAGCAAT GCAACAGACA ACCC 34
1018	

### SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/849,404

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# RAW SEQUENCE LISTING

PATENT APPLICATION US/08/849,404

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DATE: 09/09/97 TIME: 12:26:54

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This Raw Listing contains the General equence.
Connected Distance Needed **Information Section and those Sequences** containing ERRORS.

1 SEQUENCE LISTING 2 3 General Information: (1) 4 5 (i) APPLICANT: LISA ANNE LAFFEND 6 VASANTHA NAGARAJAN 7 CHARLES EDWIN NAKAMURA 8 (ii) TITLE OF INVENTION: BIOCONVERSION OF A FERMENTABLE 9 CARBON SOURCE TO 1,3-PROPANE-10 DIOL BY A SINGLE MICROORGANISM 11 12 (iii) NUMBER OF SEQUENCES: 46 13 14 15 (iv) CORRESPONDENCE ADDRESS: 16 (A) ADDRESSEE: E. I. DUPONT DE NEMOURS AND COMPANY (B) STREET: 1007 MARKET STREET 17 18 (C)CITY: WILMINGTON 19 (D)STATE: DELAWARE 20 (E) COUNTRY: UNITED STATES OF AMERICA (F)ZIP: 19898 21 22 (iv) CORRESPONDENCE ADDRESS: 23 (A) ADDRESSEE: GENENCOR INTERNATIONAL, INC. 24 25 (B) STREET: 4 CAMBRIDGE PLACE 1870 SOUTH WINTON ROAD 26 27 (C)CITY: ROCHESTER 28 (D)STATE: NEW YORK (E) COUNTRY: UNITED STATES OF AMERICA 29 30 (F)ZIP: 14618 31 (v) COMPUTER READABLE FORM: 32 33 (A) MEDIUM TYPE: 3.50 INCH DISKETTE (B) COMPUTER: IBM PC COMPATIBLE 34 (C)OPERATING SYSTEM: MICROSOFT WORD FOR WINDOWS 95 35 (D) SOFTWARE: MICROSOFT WORD VERSION 7.0a 36 37 38 (vi)CURRENT APPLICATION DATA: 39 ► (A)APPLICATION NUMBER: 40 (B) FILING DATE: 41 (C)CLASSIFICATION: 42 (vii)PRIOR APPLICATION DATA: 43 (A) APPLICATION NUMBER: 08/440,293 44

(B) FILING DATE: MAY 12, 1995

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/849,404

DATE: 09/09/97 TIME: 12:26:58

INPUT SET: S20138.raw

```
46
    (viii) ATTORNEY/AGENT INFORMATION:
47
    (A) NAME: LINDA AXAMETHY FLOYD
48
49
    (B) REGISTRATION NUMBER: 33,692
    (C) REFERENCE/DOCKET NUMBER: CR-9715-C
50
51
    (ix) TELECOMMUNICATION INFORMATION:
52
53
    (A) TELEPHONE: 302-892-8112
    (B)TELEFAX: 302-773-0164
54
55
56
```

#### **ERRORED SEQUENCES FOLLOW:**

	1005	(2) INFORMATION FOR SEQ ID NO:39:	
	1006		
>	1007	((I)SEQUENCE CHARACTERISTICS:	
>	1008	(A)LENGTH: 34 base pairs	
>	1009	(B)TYPE: nucleic acid	
>	1010	(C)STRANDEDNESS: single	
>	1011	(D)TOPOLOGY: linear	
	1012		
	1013	(ii) MOLECULE TYPE: DNA (genomic)	
	1014		
>	1015	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:	
	1016		
	1017	GGAATTCAGA TCTCAGCAAT GCAACAGACA ACCC	34
	1018		

## SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/849,404

DATE: 09/09/97 TIME: 12:27:02

INPUT SET: \$20138.raw

Line	Error	Original Text
994	Entered (35) and Calc. Seq. Length (34) differ	(A)LENGTH: 35 base pairs
1007	Unknown or Misplaced Identifier	(I)SEQUENCE CHARACTERISTICS:
1008	Unknown or Misplaced Identifier	(A)LENGTH: 34 base pairs
1009	Unknown or Misplaced Identifier	(B)TYPE: nucleic acid
1010	Unknown or Misplaced Identifier	(C)STRANDEDNESS: single
1011	Unknown or Misplaced Identifier	(D)TOPOLOGY: linear
1015	Wrong Or Missing Strandedness Value	(xi)SEQUENCE DESCRIPTION: SEQ ID NO:39:
1015	Wrong or Missing Sequence Topology	(xi)SEQUENCE DESCRIPTION: SEQ ID NO:39:

ļ	umber: 08/877,707	**CRF Processing Date:
	Changed a file from non-ASCII to ASCII	Verified by: (STIC
•	Changed the margins in cases where the sequence text was "wrapp	hed blown to the next line.
	Edited a format error in the Current Application Data section, specifi	cally: CA
	Edited the Current Application Data section with the actual current n applicant was the prior application data; or other	umber. The number inputted by the
	Added the mandatory heading and subheadings for "Current Applica	ation Data".
E	Edited the "Number of Sequences" field. The applicant spelled out a	a number instead of using an intege
(	Changed the spelling of a mandatory field (the headings or subhead	ings), specifically:
	Corrected the SEQ ID NO when obviously incorrect. The sequence	numbers that were edited were:
	nserted or corrected a nucleic number at the end of a nucleic line.	SEQ ID NO's edited:
	Corrected subheading placement. All responses must be on the sam applicant placed a response below the subheading, this was moved to	<b>—</b>
	Inserted colons after headings/subheadings. Headings edited include	ded:
	Deleted extra, invalid, headings used by an applicant, specifically:	
	Deleted: non-ASCII "garbage" at the beginning/end of files; page numbers throughout text; other invalid text, such as	
	Inserted mandatory headings, specifically:	
	Corrected an obvious error in the response, specifically:	
	Edited identifiers where upper case is used but lower case is require	
	Corrected an error in the Number of Sequences field, specifically:	
	A "Hard Page Break" code was inserted by the applicant. All occurre	ences had to be deleted.
	Deleted <b>ending</b> stop codon in amino acid sequences and adjusted thus to a Patentin bug). Sequences corrected:	
	Other:	

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95